

GEOTEXTILES

TNS

ADVANCED TECHNOLOGIES

681 DeYoung Road

Greer, South Carolina 29651

Phone: (800) 867-5181

Fax: (864) 879-4639

Geotextile Product Description Sheet

Style TNS E070

TNS E070 is a superior quality, nonwoven geotextile produced by needlepunching together 100% polypropylene staple fibers in a random network to form a high strength dimensionally stable fabric. The polypropylene fibers are specially formulated to resist ultraviolet light deterioration, and are inert to commonly encountered soil chemicals. The fabric will not rot or mildew, is non-biodegradable, and is resistant to damage from insects and rodents. Polypropylene is stable within a pH range of 2 to 13. TNS E070 conforms to the physical property values listed below:

Fabric Property	Test Method	Units	Minimum Average Roll Value
Weight	ASTM D 3776	oz/sq.yd.	7.0
Thickness*	ASTM D 1777	mils	90
Grab Tensile	ASTM D 4632	lbs.	200
Grab Elongation	ASTM D 4632	%	50
Trap Tear	ASTM D 4533	lbs.	75
Puncture	ASTM D 4833	lbs	115
Permittivity*	ASTM D 4491	1/sec	1.41
AOS	ASTM D 4751	U.S. Sieve	80
Permeability*	ASTM D 4491	cm/sec	.32
Mullen Burst	ASTM D 3786	psi	400
Water Flow*	ASTM D 4491	gpm/sqft	110
UV Resistance after 500 hrs.	ASTM D 4355	% Strength Retained	70

Packaging	
Roll Dimensions-Feet (Meters)	15 x 780 (4.6 x 240)
Square Yards (Square Meters) Per Roll	1300 (1104)
Estimated Roll Weight-Lbs. (Kg)	620 (282)

* At time of manufacturing, handling may change these properties.

To the best of our knowledge, the information contained herein is accurate. However, TNS Advanced Technologies cannot anticipate all conditions under which TNS product information and our products, or the products of other manufacturers in combination with our products, may be used. We accept no responsibility for results obtained by the application of this information or the safety or suitability of our products either alone or in combination with other products. Final determination of the suitability of any information or material for the use contemplated, of its manner of use, and whether the suggested use infringes any patents is the sole responsibility of the user.

EPA Region 5 Records Ctr.



260570